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10	4	19720			
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1				US-PGPUB	16:17
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9 36 (((melt or melting) near1 (point or temperature)).ab.) and second.ab. and (paper or paperboard) and ((adhesive or bonding).ab.) laminat\$4.ab. 10 30228 laminat\$4.ab. 11 14 (((melt or melting) near1 (point or temperature)).ab.) and second.ab. and (paper or paperboard) and (laminat\$4.ab. 12 191388 ((mixture or mix\$\$ or blend\$\$).ab.) 13 180 ((polyester or copolyester).ab.) and ((melt or melting) near1 (point or temperature)).ab.) and ((mixture or mix\$\$ or blend\$\$).ab.) 14 60 (paper or paperboard) and ((molt or melting) near1 (point or temperature)).ab.) and ((mixture or mix\$\$ or blend\$\$).ab.) 15 807290 ((paper or paperboard) and ((molt or melting) near1 (point or temperature)).ab.) and ((mixture or mix\$\$ or blend\$\$).ab.)) 16 44 ((paper or paperboard) and ((molt or melting) near1 (point or temperature)).ab.) and ((mixture or mix\$\$ or blend\$\$).ab.))) 17 82456 ((melt or melting) near1 (point or temperature)) 18 1663880 mixture or mix\$\$ or blend\$\$\$ and (dhesive or bond\$\$\$) 20 2184 (((melt or melting) near1 (point or temperature))) 21 2391 paper and paperboard) and ((((melt or melting)) and ((mixture or mix\$\$ or blend\$\$)) and (adhesive or bond\$\$\$) 22 2 (paper and paperboard) and ((((melt or melting))) and (mixture or mix\$\$ or blend\$\$)) and (adhesive or bond\$\$\$) 23 272698 polyester or p lyester or terephthalate 24 423 (((((melt or melting) n ar1 (point or temperature))) and (mixture or mix\$\$ or blend\$\$)) and (deflesive or bond\$\$)) and (elhesive or bond\$\$) 16:30 17:30 203/09/30 16:23 18:26 203/09/30 16:23 18:27 2003/09/30 16:23 18:29 2003/09/30 16:23 18:203/09/30 18:29 2003/09/30 18:29 2003/09/30 18:29 2003/09/30 18:29 2003/09/30 18:21 18:21 18:21 18:21 18:21 18:21 18:22 18:21 18:22 18:23 18:2	<u> </u>				
36	8	71131	(adhesive or bonding).ab.		
10 30228				US-PGPUB	
temperature).ab.) and second.ab. and (paper or paperboard) and ((adhesive or bonding).ab.) laminat\$4.ab. 14	9	36		USPAT;	2003/09/30
10 30228 paperboard) and ((adhesive or bonding).ab.) laminat\$4.ab. ((((melt or melting) near1 (point or temperature)).ab.) and second.ab. and (paper or paperboard) and laminat\$4.ab. ((mixture or mix\$3 or blend\$3).ab. USPAT; 2003/09/30 US-PGPUB 16:21 USPAT; 2003/09/30 US-PGPUB 16:21 USPAT; 2003/09/30 US-PGPUB U				US-PGPUB	
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11	10	30228		USPAT;	2003/09/30
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temperature)), ab.) and second, ab. and (paper or paperboard) and laminat\$4.ab. 180 ((polyester or copolyester), ab.) and (((melt or melting) near1 (point or temperature)), ab.) and ((mixture or mix\$3 or blend\$3), ab.) 180 ((polyester or copolyester), ab.) and ((melt or melting) near1 (point or temperature)), ab.) and ((mixture or mix\$3 or blend\$3), ab.) 14	11	14	(((melt or melting) near1 (point or		2003/09/30
191388 paperboard) and laminat\$4.ab.					l .
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13	12	191388		USPAT:	2003/09/30
180			(**************************************		
Melting) near1 (point or temperature)).ab.) and ((mixture or mix\$3 or blend\$3).ab.)	13	180	((polyester or copolyester) ab.) and (((melt or		
((mixture or mix\$3 or blend\$3).ab.) ((paper or paperboard) and (((polyester or copolyester).ab.) and (((mixture or mix\$3 or blend\$3).ab.)) adhesive or bond\$3 ((paper or paperboard) and (((mixture or mix\$3 or blend\$3).ab.)) adhesive or bond\$3 ((paper or paperboard) and ((((mixture or mix\$3 or blend\$3).ab.)) adhesive or bond\$3 ((paper or paperboard) and ((((polyester or copolyester).ab.) and ((((mixture or mix\$3 or blend\$3).ab.))) and (((mixture or mix\$3 or blend\$3).ab.))) and (((mixture or mix\$3 or blend\$3).ab.))) and (((mixture or mix\$3 or blend\$3).ab.))) and ((mixture or bond\$3) ((melt or melting) near1 (point or temperature))) adhesive or bond\$3 ((((melt or melting) near1 (point or temperature))) and ((((mixture or mix\$3 or blend\$3).and (((mixture or mix\$3 or blend\$3).and (((mixture or mix\$3 or blend\$3).and ((((mixture or mix\$3 or blend\$3).and (((((mixture or mix\$3 or blend\$3).and (((((mixture or mix\$3 or blend\$3).and ((((((mixture or mix\$3 or blend\$3).and (((((((mixture or mix\$3 or blend\$3).and (((((((((((((i mixture or mix\$3 or blend\$3).and).and ((((((((((((((((((((((((((((((((((((, ,	
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15 807290 807290 adhesive or bond\$3 .ab.) adhesive or bond\$3 USPAT; US-PGPUB 16:23 USPAT; US-PGPUB 16:24 EPO; JPO; DO3/09/30 DERWENT 16:30 EPO; JPO; DO3/09/30 DERWENT 16:30 EPO; JPO; DO3/09/30 DERWENT 16:30 EPO; JPO; DO3/09/30 USPAT; US-PGPUB 16:24 USPAT; US-PGPUB 16:25 USPAT; US-PGPUB 16:25 USPAT; US-PGPUB 16:25 USPAT; US-PGPUB 16:26 USPAT; US-PGPUB 16:26 USPAT; US-PGPUB 16:26 USPAT; US-PGPUB 16:26 USPAT; US-PGPUB 16:27 US-PGPUB 16:29 USPAT; US-PGPUB 16:29 USPAT; US-PGPUB 16:29 USPAT; US-PGPUB 16:29 USPAT; US-PGPUB 16:30 US-PGPUB US-PGP	••				1
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(point or temperature)).ab.) and ((mixture or mix\$3 or blend\$3).ab.))) and (adhesive or bond\$3)	10	-			
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17 82456 bond\$3 ((melt or melting) near1 (point or temperature)) EPO; JPO; DERWENT 16:34 EPO; JPO; DERWENT 16:34 EPO; JPO; DERWENT 16:29 2003/09/30 DERWENT 16:29 2003/09/30 DERWENT 16:29 2003/09/30 DERWENT 16:29 2003/09/30 DERWENT 16:30 EPO; JPO; DERWENT 16:30 DERWENT			miv\$3 or bland\$3) ob \\\ and (all all all all all all all all all al		
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21 2391 paper and paperboard EPO; JPO; DERWENT 16:30 22 (paper and paperboard) and ((((melt or melting) near1 (point or temperature))) and (mixture or mix\$3 or blend\$3) and (adhesive or bond\$3)) polyester or c p lyester or terephthalate EPO; JPO; DERWENT 16:30 24 423 ((((melt or melting) n ar1 (point or temperature))) and (mixture or mix\$3 or blend\$3) and (adhesive or bond\$3)) and DERWENT 16:30 29 10 2003/09/30	•		and (mixture or mix\$3 or blend\$3) and (adhesive	DERWENT	16:30
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mix\$3 or blend\$3) and (adhesive or bond\$3)) polyester or c p lyester or terephthalate EPO; JPO; DERWENT 16:30 ((((melt or melting) n ar1 (point or t mperatur))) and (mixture or mix\$3 or blend\$3) and (adhesive or bond\$3)) and			near1 (point or temperature))) and (mixture or		16:30
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24 423 ((((melt or melting) n ar1 (point or t mperatur))) and (mixture or mix\$3 or blend\$3) and (adhesive or bond\$3)) and			•		i l
t mperatur))) and (mixture or mix\$3 or DERWENT 16:32 blend\$3) and (adhesive or bond\$3)) and	24	423	((((melt or melting) n ar1 (point or		
blend\$3) and (adhesive or bond\$3)) and					1
			(polyester or copolyest rort rephthalat)		

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25	1838155	second	EPO; JPO;	2003/09/30
			DERWENT	16:32
26	33	(((((melt or melting) near1 (point or	EPO; JPO;	2003/09/30
		temperature))) and (mixture or mix\$3 or	DERWENT	16:32
		bl nd\$3) and (adhesiv or bond\$3)) and		
		(polyester or copoly st ror terephthalat)) and second		
27	42504	(paper or paperboard).ab.	USPAT;	2003/09/30
			US-PGPUB	16:34
28	408	((paper or paperboard).ab.) and ((polyester or	USPAT:	2003/09/30
		copolyester).ab.)	US-PGPUB	16:34
29	13339	hot adj melt adj adhesive	USPAT;	2003/09/30
			US-PGPUB	16:37
30	32	(((paper or paperboard).ab.) and ((polyester or	USPAT;	2003/09/30
		copolyester).ab.)) and (hot adj melt adj	US-PGPUB	16:36
0.4	154503	adhesive)	LIGDAT	0000100100
31	154503	oven\$5	USPAT;	2003/09/30
20	40		US-PGPUB	16:36
32	18	((((paper or paperboard).ab.) and ((polyester or	USPAT;	2003/09/30
		copolyester).ab.)) and (hot adj melt adj	US-PGPUB	16:36
00	07045	adhesive)) and oven\$5	1	
33	27845	hot adj melt	USPAT;	2003/09/30
0.5			US-PGPUB	16:37
35 36	25	(((paper or paperboard).ab.) and ((polyester or	USPAT;	2003/09/30
		copolyester).ab.)) and (hot adj melt) and oven\$5	US-PGPUB	16:38
	9	("3318748" "3448000" "3484275" "3498865"	USPAT	2003/09/30
		"3904104" "3924013" "3939025" "3967998"	İ	16:39
		"4026458").PN.		